



Project Fact Sheet

Foothills to Emmett Transmission Line Upgrade

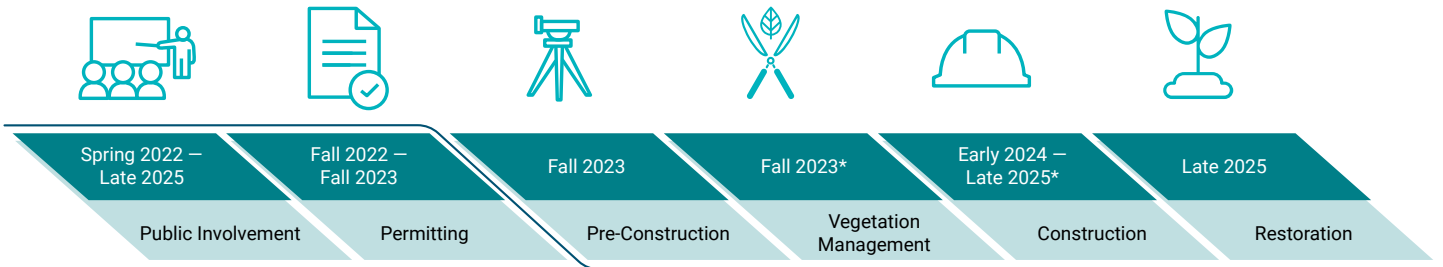
The Foothills to Emmett Transmission Line Upgrade is a rebuild of approximately 35 miles of existing 138-kilovolt transmission line. This project will improve reliability and help Idaho Power meet the growing energy demand for existing and new customers in the Boise foothills and west to Emmett.

PROJECT NEED

Seventy-five years have passed since the transmission line was built. The line has performed well, but the time has come to update it. By rebuilding the line with newer, stronger, and more modern equipment we can continue providing reliable power to customers and growing communities in Ada and Gem counties.

BENEFITS TO THE COMMUNITY

- Improved reliability and resiliency
- Better resistance to wildfires
- Meeting growing energy demand in the region
- Modern technologies for a smarter electric system



* Activities are subject to begin earlier

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PROJECT DESCRIPTION

- Rebuild the existing transmission line between the Boise River and the Emmett Substation.
- Replace existing wood poles with weathered steel pole H-frames and three-pole angle structures. Engineering constraints caused by terrain or easement restrictions could influence placement of some poles. Poles are replaced as closely as possible to existing locations.
- Steel H-frame and three-pole structures range from 60 to 80 feet with an average span of 700 feet between structures.

TYPICAL REPLACEMENT STRUCTURES

